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Dissimilatory sulfate reduction
Desulfovibrio; NADH dehydrogenase; NADH oxidation; Menaquinone (Kremer, D.R. (58) 43)

DNA hybridization
Salmonella; Virulence plasmid (Korpela, K. (58) 49)

DNA restriction banding pattern
Frankia; Actinorhiza; Plasmid profile; *Elaeagnus angustifolia*; *Shepherdia argentea*; *Hippophaë rhamnoides* (Dobritsa, S.V. (58) 287)

Dual specificity
Isocitrate dehydrogenase; *Rhodomicrobium vannielli*; NAD; NADP (Leyland, M.L. (58) 165)

Dual toxicity
Bacillus thuringiensis; Delineation; Toxin; Mutant protein; Specificity (Haider, M.Z. (58) 157)

Elaeagnus angustifolia
Frankia; Actinorhiza; DNA restriction banding pattern; Plasmid profile; *Shepherdia argentea*; *Hippophaë rhamnoides* (Dobritsa, S.V. (58) 287)

Electrophoresis
'*C. upsaliensis*'; CNW campylobacters; Protein patterns: Blood cultures (Owen, R.J. (58) 145)

Electroporation
Bacillus thuringiensis; Transformation (Bone, E.J. (58) 171)

ELISA
Oral streptococci; Surface LTA (Hogg, S.D. (58) 239)

Endospores
D-BAPA hydrolysis; Haloanaerobiaceae; *Haloanaerobium praevalens* (Oren, A. (58) 5)

Enrichment
Dibenzodioxin; Dibenzofuran degradation; Cometabolism; Salicylate (Strubel, V. (58) 233)

Enterotoxin
Cytotoxin; *Campylobacter jejuni* (Daikoku, T. (58) 33)

Enterotoxins
Escherichia coli; Shiga-like toxins; Genes; Pathogenesis (Meyer, T. (58) 115)

Epidermin
Lantibiotic; Gallidermin; Nucleotide sequence; Post translational modification; *Staphylococcus gallinarum* (Schnell, N. (58) 263)

Escherichia coli
Vir plasmid; Toxin; Multinucleation (Oswald, E. (58) 95)

Enterotoxins; Shiga-like toxins; Genes; Pathogenesis (Meyer, T. (58) 115)

Superoxide dismutase (Hassan, H.M. (58) 133)

IPNS gene; *Cephalosporium acremonium*; Expression; Promoter; *Streptomyces lividans* (Patiño, C. (58) 139)

F1, F8 fimbriae; Gene cloning; Gene mapping (Krallmann-Wenzel, U. (58) 315)

Expression
IPNS gene; *Escherichia coli*; *Cephalosporium acremonium*; Promoter; *Streptomyces lividans* (Patiño, C. (58) 139)

Fatty acid
Yeast; Resistance (Šajbidor, J. (58) 195)

Fe protein modification
Cyanobacterium; Nitrogenase regulation; Oxygen; Ammonia (Reich, S. (58) 81)

F1, F8 fimbriae
Escherichia coli; Gene cloning; Gene mapping (Krallmann-Wenzel, U. (58) 315)

Frankia
Actinorhiza; DNA restriction banding pattern; Plasmid profile; *Elaeagnus angustifolia*; *Shepherdia argentea*; *Hippophaë rhamnoides* (Dobritsa, S.V. (58) 287)

Fruiting body formation
Myxobacteria; Myxospore; Adenine nucleotides (González, F. (58) 21)

Fungus
Neocallimastix; Rumen (Breton, A. (58) 309)

Gallidermin
Lantibiotic; Epidermin; Nucleotide sequence; Post translational modification; *Staphylococcus gallinarum* (Schnell, N. (58) 263)

Gene cloning
Bacillus subtilis; Glycerol catabolism; Glycerol kinase (Holmberg, C. (58) 151)

Escherichia coli; F1, F8 fimbriae; Gene mapping (Krallmann-Wenzel, U. (58) 315)

Gene mapping
Escherichia coli; F1, F8 fimbriae; Gene cloning (Krallmann-Wenzel, U. (58) 315)

Genes
Escherichia coli; Enterotoxins; Shiga-like toxins; Pathogenesis (Meyer, T. (58) 115)

Glutamate dehydrogenase
Klebsiella pneumoniae; Ammonia assimilation; Glutamate synthase; pH; Chemostat culture (Buurman, E.T. (58) 229)

Glutamate synthase
Klebsiella pneumoniae; Ammonia assimilation; Glutamate dehydrogenase; pH; Chemostat culture (Buurman, E.T. (58) 229)

Glutamine synthetase
Photosynthetic bacterium; Amino acid levels; *Rhodobacter capsulatus* (Romero, F. (58) 111)

Glycerol catabolism
Bacillus subtilis; Gene cloning; Glycerol kinase (Holmberg, C. (58) 151)

Glycerol kinase
Bacillus subtilis; Glycerol catabolism; Gene cloning (Holmberg, C. (58) 151)

Glycosidases
Crohn's disease; Gnotobiotic rat; Blood group degrading enzymes (Ruseler-van Embden, J.G.H. (58) 37)

Glyoxylate
Acetate; Rhodospirillaceae (Blasco, R. (58) 129)

Gnotobiotic rat
Crohn's disease; Glycosidases; Blood group degrading enzymes (Ruseler-van Embden, J.G.H. (58) 37)

pH
Klebsiella pneumoniae; Ammonia assimilation; Glutamate dehydrogenase; Glutamate synthase; Chemostat culture (Buurman, E.T. (58) 229)

Haloanaerobiaceae
D-BAPA hydrolysis; *Haloanaerobium praevalens*; Endospores (Oren, A. (58) 5)

Haloanaerobium praevalens
D-BAPA hydrolysis; Haloanaerobiaceae; Endospores (Oren, A. (58) 5)

Heat resistance
Spores; Bacterial spores; Water content; *Bacillus sphaericus* (Beaman, T.C. (58) 1)

Heat shock proteins
Stringent control; Salt stress (Hecker, M. (58) 125)

Hippophaë rhamnoides
Frankia; Actinorhiza; DNA restriction banding pattern; Plasmid profile; *Elaeagnus angustifolia*; *Shepherdia argentea* (Dobritsa, S.V. (58) 287)

Homophthalic acid
Degradation; Pseudomonas (Karegoudar, T.B. (58) 305)

Hybridization analysis
Serotype; Insect specificity (Visser, B. (58) 121)

Hybrid protein
Bacteriocin release protein; Cell lysis; Culture turbidity; Protein export; Protein localization (Luirink, J. (58) 25)

Identification
SDS-PAGE; *Candida albicans* (Bruneau, S. (58) 329)

Inactivating enzymes
Streptogramins; *Streptomyces*; Ribosomes; Antibiotics; Vernamycins (Fierro, J.F. (58) 243)

Insect specificity
Hybridization analysis; Serotype (Visser, B. (58) 121)

Intermonomer linkage
Lignin metabolism; Syringaresinol; Acetal linkage; Wood-rot fungi (*Coriolus versicolor*) (Katayama, Y. (58) 247)

***IPNS* gene**
Escherichia coli; *Cephalosporium acremonium*; Expression; Promoter; *Streptomyces lividans* (Patiño, C. (58) 139)

Iron concentration
Protein G; *Pseudomonas aeruginosa* (Yates, J.M. (58) 259)

Isobutene-forming enzyme
Membrane-bound enzyme; Cytochrome P-450; *Rhodotorula minuta* (Fujii, T. (58) 199)

Isocitrate dehydrogenase
Rhodomicrobium vannielli; NAD; NADP; Dual specificity (Leyland, M.L. (58) 165)

Isolated rat ileum
Clostridium perfringens epsilon toxin; Contraction; Tetrodotoxin (Sakurai, J. (58) 269)

Ketopantoyl lactone reductase
Conjugated polyketone reductase; *Saccharomyces cerevisiae* (Hata, H. (58) 87)

Klebsiella pneumoniae
Ammonia assimilation; Glutamate dehydrogenase; Glutamate synthase; pH; Chemostat culture (Buurman, E.T. (58) 229)

Lactobacillus lactis
Protoplast (Bican, P. (58) 91)

Lantibiotic
Gallidermin; Epidermin; Nucleotide sequence; Post translational modification; *Staphylococcus gallinarum* (Schnell, N. (58) 263)

Lignin metabolism
Syringaresinol; Acetal linkage; Intermonomer linkage; Wood-rot fungi (*Coriolus versicolor*) (Katayama, Y. (58) 247)

Lipopolysaccharide
Protein pattern; *Rhizobium galegae*; Serology (Lipsanen, P. (58) 323)

Lipopolysaccharide core
Structure determination; Methylation analysis; ^{1}H-NMR; (*Citobacter freundii)* (Romanowska, E. (58) 107)

Lysine biosynthesis
Penicillium chrysogenum; α-Aminoadipate reductase; Lysine regulation; α-Aminoadipate (Affenzeller, K. (58) 293)

Lysine regulation
Lysine biosynthesis; *Penicillium chrysogenum*; α-Aminoadipate reductase; α-Aminoadipate (Affenzeller, K. (58) 293)

Membrane-bound enzyme
Isobutene-forming enzyme; Cytochrome P-450; *Rhodotorula minuta* (Fujii, T. (58) 199)

Menaquinone
Desulfovibrio; Dissimilatory sulfate reduction; NADH dehydrogenase; NADH oxidation (Kremer, D.R. (58) 43)

Methylation analysis
Structure determination; Lipopolysaccharide core; ^{1}H-NMR; (*Citobacter freundii)* (Romanowska, E. (58) 107)

Methylococcus capsulatus
Monounsaturated fatty acid synthesis (Jahnke, L.L. (58) 183)

Monounsaturated fatty acid synthesis
Methylococcus capsulatus (Jahnke, L.L. (58) 183)

Multinucleation
Vir plasmid; Toxin; *Escherichia coli* (Oswald, E. (58) 95)

Multiple forms
Acinetobacter; Carboxylesterase (Sherwani, M.K. (58) 75)

Mutant protein
Bacillus thuringiensis; Delineation; Toxin; Dual toxicity; Specificity (Haider, M.Z. (58) 157)

cox Mutation
Cytochrome aa_3 mutant; Respiratory chains; Cytochrome *o* (James, W.S. (58) 277)

Mycobacterium bovis
Protein MPB70; Nucleotide sequence (Terasaka, K. (58) 273)

Myxobacteria
Myxospore; Fruiting body formation; Adenine nucleotides (González, F. (58) 21)

Myxospore
Myxobacteria; Fruiting body formation; Adenine nucleotides (González, F. (58) 21)

NAD
Isocitrate dehydrogenase; *Rhodomicrobium vannielli*; NADP; Dual specificity (Leyland, M.L. (58) 165)

NADH dehydrogenase
Desulfovibrio; Dissimilatory sulfate reduction; NADH oxidation; Menaquinone (Kremer, D.R. (58) 43)

NADH oxidation
Desulfovibrio; Dissimilatory sulfate reduction; NADH dehydrogenase; Menaquinone (Kremer, D.R. (58) 43)

NADP
Isocitrate dehydrogenase; *Rhodomicrobium vannielli*; NAD; Dual specificity (Leyland, M.L. (58) 165)

Neocallimastix
Fungus; Rumen (Breton, A. (58) 309)

Nisin
Autolysins; Basic peptides; Pep 5 (Bierbaum, G. (58) 223)

Nitrogenase regulation
Cyanobacterium; Fe protein modification; Oxygen; Ammonia (Reich, S. (58) 81)

Nitrogen metabolism
Rhizobium leguminosarum; *glnB* (Holtel, A. (58) 203)

^{1}H-NMR
Structure determination; Lipopolysaccharide core; Methylation analysis; (*Citobacter freundii)* (Romanowska, E. (58) 107)

Nucleotide sequence
Lantibiotic; Gallidermin; Epidermin; Post translational modification; *Staphylococcus gallinarum* (Schnell, N. (58) 263)

Mycobacterium bovis; Protein MPB70 (Terasaka, K. (58) 273)

Oral streptococci
Surface LTA; ELISA (Hogg, S.D. (58) 239)

Oxygen
Cyanobacterium; Nitrogenase regulation; Fe protein modification; Ammonia (Reich, S. (58) 81)

Pathogenesis
Escherichia coli; Enterotoxins; Shiga-like toxins; Genes (Meyer, T. (58) 115)

Penicillium chrysogenum
Lysine biosynthesis; α-Aminoadipate reductase; Lysine regulation; α-Aminoadipate (Affenzeller, K. (58) 293)

Pep 5
Autolysins; Basic peptides; Nisin (Bierbaum, G. (58) 223)

Phage type 4
Salmonella enteritidis; Virulence; Plasmids (Chart, H. (58) 299)

Phospholipids
Sodium chloride; *Pseudomonas fragi*; Bacterial growth rates (Roller, S.D. (58) 71)

Photosynthetic bacterium
Glutamine synthetase; Amino acid levels; *Rhodobacter capsulatus* (Romero, F. (58) 111)

Plasmid
Staphylococcus aureus; Rep Protein (Dyke, K.G.H. (58) 209)

Plasmid profile
Frankia; Actinorhiza; DNA restriction banding pattern; *Elaeagnus angustifolia*; *Shepherdia argentea*; *Hippophaë rhamnoides* (Dobritsa, S.V. (58) 287)

Plasmids
Salmonella enteritidis; Phage type 4; Virulence (Chart, H. (58) 299)

Post translational modification
Lantibiotic; Gallidermin; Epidermin; Nucleotide sequence; *Staphylococcus gallinarum* (Schnell, N. (58) 263)

Promoter
IPNS gene; *Escherichia coli*; *Cephalosporium acremonium*; Expression; *Streptomyces lividans* (Patiño, C. (58) 139)

Protease
S. sanguis; Adhesin (Lamont, R.J. (58) 101)

Protein export
Bacteriocin release protein; Cell lysis; Culture turbidity; Hybrid protein; Protein localization (Luirink, J. (58) 25)

Protein G
Iron concentration; *Pseudomonas aeruginosa* (Yates, J.M. (58) 259)

Protein localization
Bacteriocin release protein; Cell lysis; Culture turbidity; Hybrid protein; Protein export (Luirink, J. (58) 25)

Protein MPB70
Mycobacterium bovis; Nucleotide sequence (Terasaka, K. (58) 273)

Protein pattern
Lipopolysaccharide; *Rhizobium galegae*; Serology (Lipsanen, P. (58) 323)

Protein patterns: Blood cultures
'*C. upsaliensis*'; CNW campylobacters; Electrophoresis (Owen, R.J. (58) 145)

Protoplast
Lactobacillus lactis (Bican, P. (58) 91)

Protoplast formation
Thermophilic bacterium; *Clostridium* sp. (Pettinari, M.J. (58) 255)

Pseudomonas
Degradation; Homophthalic acid (Karegoudar, T.B. (58) 305)

Pseudomonas aeruginosa
Protein G; Iron concentration (Yates, J.M. (58) 259)

Pseudomonas fragi
Sodium chloride; Phospholipids; Bacterial growth rates (Roller, S.D. (58) 71)

Pyruvate decarboxylase
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Quinone profiles
Rhodoquinone; Activated sludge bacteria; Chemotaxonomy (Hiraishi, A. (58) 55)

Recombinant antigens
Chlamydia psittaci (Menozzi, F.D. (58) 59)

Red selenium
Thiobacillus ferrooxidans; Sulphur reduction (Bacon, M. (58) 189)

Rep Protein
Staphylococcus aureus; Plasmid (Dyke, K.G.H. (58) 209)

Resistance
Fatty acid; Yeast (Šajbidor, J. (58) 195)

Respiratory chains
Cytochrome aa_3 mutant; *cox* Mutation; Cytochrome *o* (James, W.S. (58) 277)

Rhizobium galegae
Lipopolysaccharide; Protein pattern; Serology (Lipsanen, P. (58) 323)

Rhizobium leguminosarum
glnB; Nitrogen metabolism (Holtel, A. (58) 203)

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Glutamine synthetase; Photosynthetic bacterium; Amino acid levels (Romero, F. (58) 111)

Rhodomicrobium vannielli
Isocitrate dehydrogenase; NAD; NADP; Dual specificity (Leyland, M.L. (58) 165)

Rhodoquinone
Quinone profiles; Activated sludge bacteria; Chemotaxonomy (Hiraishi, A. (58) 55)

Rhodospirillaceae
Acetate; Glyoxylate (Blasco, R. (58) 129)

Rhodotorula minuta
Membrane-bound enzyme; Isobutene-forming enzyme; Cytochrome P-450 (Fujii, T. (58) 199)

Ribosomes
Streptogramins; *Streptomyces*; Antibiotics; Inactivating enzymes; Vernamycins (Fierro, J.F. (58) 243)

Ribulose bisphosphate carboxylase
Carbon dioxide fixation; *Thiobacillus versutus*; *Synechococcus* PCC 7942; CO_2-concentrating mechanisms (Karagouni, A.D. (58) 179)

Rumen
Fungus; *Neocallimastix* (Breton, A. (58) 309)

Saccharomyces cerevisiae
Ketopantoyl lactone reductase; Conjugated polyketone reductase (Hata, H. (58) 87)

Salicylate
Enrichment; Dibenzodioxin; Dibenzofuran degradation; Cometabolism (Strubel, V. (58) 233)

Salmonella
Virulence plasmid; DNA hybridization (Korpela, K. (58) 49)

Salmonella enteritidis
Phage type 4; Virulence; Plasmids (Chart, H. (58) 299)

Salt stress
Stringent control; Heat shock proteins (Hecker, M. (58) 125)

SDS-PAGE
Identification; *Candida albicans* (Bruneau, S. (58) 329)

Serology
Lipopolysaccharide; Protein pattern; *Rhizobium galegae* (Lipsanen, P. (58) 323)

Serotype
Hybridization analysis; Insect specificity (Visser, B. (58) 121)

Shepherdia argentea
Frankia; Actinorhiza; DNA restriction banding pattern; Plasmid profile; *Elaeagnus angustifolia*; *Hippophaë rhamnoides* (Dobritsa, S.V. (58) 287)

Shiga-like toxins
Escherichia coli; Enterotoxins; Genes; Pathogenesis (Meyer, T. (58) 115)

Sodium chloride
Phospholipids; *Pseudomonas fragi*; Bacterial growth rates (Roller, S.D. (58) 71)

Specificity
Bacillus thuringiensis; Delineation; Toxin; Dual toxicity; Mutant protein (Haider, M.Z. (58) 157)

Spores
Bacterial spores; Heat resistance; Water content; *Bacillus sphaericus* (Beaman, T.C. (58) 1)

S. sanguis
Protease; Adhesin (Lamont, R.J. (58) 101)

Staphylococcus aureus
Plasmid; Rep Protein (Dyke, K.G.H. (58) 209)

Staphylococcus gallinarum
Lantibiotic; Gallidermin; Epidermin; Nucleotide sequence; Post translational modification (Schnell, N. (58) 263)

Streptogramins
Streptomyces; Ribosomes; Antibiotics; Inactivating enzymes; Vernamycins (Fierro, J.F. (58) 243)

Streptomyces
Streptogramins; Ribosomes; Antibiotics; Inactivating enzymes; Vernamycins (Fierro, J.F. (58) 243)

Streptomyces lividans
IPNS gene; *Escherichia coli*; *Cephalosporium acremonium*; Expression; Promoter (Patiño, C. (58) 139)

Stringent control
Salt stress; Heat shock proteins (Hecker, M. (58) 125)

Structure determination
Lipopolysaccharide core; Methylation analysis; ^{1}H-NMR; (*Citobacter freundii*) (Romanowska, E. (58) 107)

Sulphur reduction
Thiobacillus ferrooxidans; Red selenium (Bacon, M. (58) 189)

Superoxide dismutase
Escherichia coli (Hassan, H.M. (58) 133)

Surface LTA
Oral streptococci; ELISA (Hogg, S.D. (58) 239)

***Synechococcus* PCC 7942**
Carbon dioxide fixation; *Thiobacillus versutus*; Ribulose bisphosphate carboxylase; CO_2-concentrating mechanisms (Karagouni, A.D. (58) 179)

Syringaresinol
Lignin metabolism; Acetal linkage; Intermonomer linkage; Wood-rot fungi (*Coriolus versicolor*) (Katayama, Y. (58) 247)

Tetrodotoxin
Clostridium perfringens epsilon toxin; Isolated rat ileum; Contraction (Sakurai, J. (58) 269)

Thermophilic bacterium
Protoplast formation; *Clostridium* sp. (Pettinari, M.J. (58) 255)

Thiobacillus ferrooxidans
Sulphur reduction; Red selenium (Bacon, M. (58) 189)

Thiobacillus versutus
Carbon dioxide fixation; *Synechococcus* PCC 7942; Ribulose bisphosphate carboxylase; CO_2-concentrating mechanisms (Karagouni, A.D. (58) 179)

Toxin
Vir plasmid; Multinucleation; *Escherichia coli* (Oswald, E. (58) 95)

Bacillus thuringiensis; Delineation; Dual toxicity; Mutant protein; Specificity (Haider, M.Z. (58) 157)

Transformation
Clostridium acetobutylicum; Vector (Truffaut, N. (58) 15)

Bacillus thuringiensis; Electroporation (Bone, E.J. (58) 171)

Trypanosoma cruzi
Aldehyde reductase; Pyruvate decarboxylase (Arauzo, S. (58) 283)

Vector
Clostridium acetobutylicum; Transformation (Truffaut, N. (58) 15)

Vernamycins
Streptogramins; *Streptomyces*; Ribosomes; Antibiotics; Inactivating enzymes (Fierro, J.F. (58) 243)

Vir plasmid
Toxin; Multinucleation; *Escherichia coli* (Oswald, E. (58) 95)

Virulence
Salmonella enteritidis; Phage type 4; Plasmids (Chart, H. (58) 299)

Virulence plasmid
Salmonella; DNA hybridization (Korpela, K. (58) 49)

Water content
Spores; Bacterial spores; Heat resistance; *Bacillus sphaericus* (Beaman, T.C. (58) 1)

Wood-rot fungi (*Coriolus versicolor*)
Lignin metabolism; Syringaresinol; Acetal linkage; Intermonomer linkage (Katayama, Y. (58) 247)

Yeast
Fatty acid; Resistance (Šajbidor, J. (58) 195)